

L Number	Hits	Search Text	DB	Time stamp
1	22	(expert near system) and ((query or index or database or (data adj base)) near (optimizer or optimization or tuner))	USPAT	2002/11/22 10:05
2	35	(expert near system) and ((query or index or database or (data adj base)) near (optimizer or optimization or tuner))	USPAT	2002/11/22 10:06
4	13	((expert near system) and ((query or index or database or (data adj base)) near (optimizer or optimization or tuner))) not ((expert near system) and ((query or index or database or (data adj base)) near (optimizer or optimization or tuner)))	USPAT	2002/11/22 10:06
-	25917	(baseline near statistics) or baseline or (index near (disabled or off)) or unindexed or ("not" adj indexed)	USPAT	2002/11/15 11:51
-	46	((707/2 or 707/3 or 707/4).ccls.) and ((baseline near statistics) or baseline or (index near (disabled or off)) or unindexed or ("not" adj indexed))	USPAT	2002/11/15 11:51
-	826409	(database or (data adj base) or dbase or db or table)	USPAT	2002/11/15 11:52
-	3	index near superset	USPAT	2002/11/15 11:53
-	3	index near ((super adj set) or superset)	USPAT	2002/11/15 11:54
-	45	((707/2 or 707/3 or 707/4).ccls.) and ((baseline near statistics) or baseline or (index near (disabled or off)) or unindexed or ("not" adj indexed)) and ((database or (data adj base) or dbase or db or table))	USPAT	2002/11/15 11:55

-	49	("5960423" "6356890" "6356891" "6366903" "6351742" "6370522" "6182079" "6122644" "5913206" "5913207" "5926813" "5950186" "6356889" "6195653" "5619692" "6266658" "5903890" "5852821" "6405187" "6442539" "6105020" "6006219" "6173278" "5577249" "5495608" "5694591" "5710915" "5845278" "5983216" "6018733" "6173281" "5978800" "6105033" "6360228" "5222235" "5465352" "5625813" "5822748" "5881379" "5903888" "5933820" "6067540" "6144957" "6195656" "6240407" "6326962" "5469354" "5381158" "5745894").pn.	USPAT	2002/11/18 12:35
-	137382	(database or (data adj base) or dbase or db)	USPAT	2002/11/18 12:38
-	2829	((identif\$4 or creat\$3 or establish\$3 or mak\$3 or buil\$4 or setting or set\$1) near index) and ((database or (data adj base) or dbase or db))	USPAT	2002/11/18 12:48
-	3906	(707/2 or 707/3 or 707/101 or 707/102).ccls.	USPAT	2002/11/18 12:48
-	1	6321218.pn.	USPAT	2002/11/18 14:03
-	634	(((identif\$4 or creat\$3 or establish\$3 or mak\$3 or buil\$4 or setting or set\$1) near index) and ((database or (data adj base) or dbase or db))) and ((707/2 or 707/3 or 707/101 or 707/102).ccls.)	USPAT	2002/11/18 17:37
-	6387	(disabl\$3 or remov\$3 or (turn\$3 near off) or disregard\$3) near (index\$2 or constraint\$1 or key\$1)	USPAT	2002/11/18 17:39

-	25	(((identif\$4 or creat\$3 or establish\$3 or mak\$3 or buil\$4 or setting or set\$1) near index) and ((database or (data adj base) or dbase or db))) and ((707/2 or 707/3 or 707/101 or 707/102).ccls.)) and ((disabl\$3 or remov\$3 or (turn\$3 near off) or disregard\$3) near (index\$2 or constraint\$1 or key\$1))	USPAT	2002/11/18 17:39
-	36	disabl\$3 near (indexes or index)	USPAT	2002/11/19 08:21
-	2962	(707/2 or 707/3 or 707/4).ccls.	USPAT	2002/11/19 08:21
-	0	(disabl\$3 near (indexes or index)) and ((707/2 or 707/3 or 707/4).ccls.)	USPAT	2002/11/19 08:22
-	1	(disabl\$3 near (indexes or index)) and (707/\$).ccls.	USPAT	2002/11/19 08:22
-	1	6266658.URPN.	USPAT	2002/11/19 10:37
-	7	("5913206" "5913207" "5926813" "5950186" "5960423" "6029163" "6105019").PN.	USPAT	2002/11/19 10:37
-	1	6266658.URPN.	USPAT	2002/11/19 10:41
-	12	("5897632" "5913206" "5913207" "5926813" "5950186" "5960423" "5991754" "6026390" "6266658" "6134543" "6129983" "6223171").PN.	USPAT	2002/11/19 10:42
-	19258	(query or querying or statement or execution) and (cpu or (processing near unit) or processor) and ((input near output) or (i near o))	USPAT	2002/11/19 16:21
-	599	(cost or statistics) near (cpu or processor or (processing near unit) or (i near o) or (input near output))	USPAT	2002/11/19 16:22
-	123	((query or querying or statement or execution) and (cpu or (processing near unit) or processor) and ((input near output) or (i near o))) and ((cost or statistics) near (cpu or processor or (processing near unit) or (i near o) or (input near output)))	USPAT	2002/11/19 16:22
-	6	((query or querying or statement or execution) and (cpu or (processing near unit) or processor) and ((input near output) or (i near o))) and ((cost or statistics) near (cpu or processor or (processing near unit) or (i near o) or (input near output)))) and (707/\$).ccls.	USPAT	2002/11/19 16:23
-	35	(remov\$3 or elimat\$3 or delet\$3 or reduc\$4) with ((duplicate or "same" or repeated or multiple) near (statements or queries))	USPAT	2002/11/20 09:59
-	93	reduced near workload	USPAT	2002/11/20 09:59
-	128	((remov\$3 or elimat\$3 or delet\$3 or reduc\$4) with ((duplicate or "same" or repeated or multiple) near (statements or queries))) or (reduced near workload)	USPAT	2002/11/20 09:59
-	23	((remov\$3 or elimat\$3 or delet\$3 or reduc\$4) with ((duplicate or "same" or repeated or multiple) near (statements or queries))) or (reduced near workload)) and (707/\$).ccls.	USPAT	2002/11/20 10:00
-	77	user near defined near constraints	USPAT	2002/11/20 13:05
-	6	(user near defined near constraints) and (707/\$).ccls.	USPAT	2002/11/20 13:06
-	83644	constraints	USPAT	2002/11/20 13:06
-	3000	user with constraints	USPAT	2002/11/20 13:27
-	449	(user with constraints) and (707/\$).ccls.	USPAT	2002/11/20 13:27
-	200	((user with constraints) and (707/\$).ccls.) and (database and index)	USPAT	2002/11/20 13:27
-	7345	user with (rules or constraints)	USPAT	2002/11/20 13:27
-	1265	(user with (rules or constraints)) and (database and index)	USPAT	2002/11/20 13:27
-	515	((user with (rules or constraints)) and (database and index)) and (707/\$).ccls.	USPAT	2002/11/20 13:28

-	7467	(index near (tune\$1 or tuning or build\$3 or identif\$4 or set\$3 or creat\$3 or mak\$3))	USPAT	2002/11/20 13:31
-	129	((user with (rules or constraints)) and (database and index)) and (707/\$).ccls.) and ((index near (tune\$1 or tuning or build\$3 or identif\$4 or set\$3 or creat\$3 or mak\$3)))	USPAT	2002/11/20 15:27
-	220255	(constraint or limit or maximum or minimum) same (storage or memory or space or (hard near drive) or (number near indexes))	USPAT	2002/11/20 13:34
-	66	((user with (rules or constraints)) and (database and index)) and (707/\$).ccls.) and ((index near (tune\$1 or tuning or build\$3 or identif\$4 or set\$3 or creat\$3 or mak\$3))) and ((constraint or limit or maximum or minimum) same (storage or memory or space or (hard near drive) or (number near indexes)))	USPAT	2002/11/20 13:34
-	63	((user with (rules or constraints)) and (database and index)) and (707/\$).ccls.) and ((index near (tune\$1 or tuning or build\$3 or identif\$4 or set\$3 or creat\$3 or mak\$3))) not (((user with (rules or constraints)) and (database and index)) and (707/\$).ccls.) and ((index near (tune\$1 or tuning or build\$3 or identif\$4 or set\$3 or creat\$3 or mak\$3))) and ((constraint or limit or maximum or minimum) same (storage or memory or space or (hard near drive) or (number near indexes))))	USPAT	2002/11/20 15:27
-	546	(index or database or (data adj base)) near (tuning or tuner or optimization or optimiz\$3)	USPAT	2002/11/20 15:28
-	260	((index or database or (data adj base)) near (tuning or tuner or optimization or optimiz\$3)) and (707/\$).ccls.	USPAT	2002/11/20 15:28
-	55	((index or database or (data adj base)) near (tuning or tuner or optimization or optimiz\$3)) and (707/\$).ccls.) and (user near defined)	USPAT	2002/11/20 15:31
-	1711	(reduc\$4 or eliminat\$3 or remov\$3 or ignor\$3 or disregard\$3) same (duplicate or repeated or "same" or redundant) same (queries or statements)	USPAT	2002/11/20 16:12
-	62	((index or database or (data adj base)) near (tuning or tuner or optimization or optimiz\$3)) and (707/\$).ccls.) and ((reduc\$4 or eliminat\$3 or remov\$3 or ignor\$3 or disregard\$3) same (duplicate or repeated or "same" or redundant) same (queries or statements))	USPAT	2002/11/20 15:34
-	7	((index or database or (data adj base)) near (tuning or tuner or optimization or optimiz\$3)) and (707/\$).ccls.) and (user near defined)) and ((reduc\$4 or eliminat\$3 or remov\$3 or ignor\$3 or disregard\$3) same (duplicate or repeated or "same" or redundant) same (queries or statements))	USPAT	2002/11/20 16:32
-	1929	(number or count) same (executions or runs) same (queries or statements)	USPAT	2002/11/20 16:13
-	75	((index or database or (data adj base)) near (tuning or tuner or optimization or optimiz\$3)) and (707/\$).ccls.) and ((number or count) same (executions or runs) same (queries or statements))	USPAT	2002/11/20 16:13

-	21	(((((index or database or (data adj base)) near (tuning or tuner or optimization or optimiz\$3)) and (707/\$).ccls.) and ((number or count) same (executions or runs) same (queries or statements))) and (((index or database or (data adj base)) near (tuning or tuner or optimization or optimiz\$3)) and (707/\$).ccls.) and (user near defined)))	USPAT	2002/11/20 16:13
-	1	6003022.pn.	USPAT	2002/11/20 16:28
-	117	((importance or ranking or weight) near (statement or query)	USPAT	2002/11/20 16:35
-	3	(((((index or database or (data adj base)) near (tuning or tuner or optimization or optimiz\$3)) and (707/\$).ccls.) and (user near defined)) and ((importance or ranking or weight) near (statement or query))	USPAT	2002/11/20 16:38
-	73	((importance or ranking or weight) near (statement or query)) and (707/\$).ccls.	USPAT	2002/11/20 16:40
-	33467	(user near (defined or specified or set or established or ranked))	USPAT	2002/11/20 16:41
-	35	((importance or ranking or weight) near (statement or query)) and (707/\$).ccls.) and ((user near (defined or specified or set or established or ranked)))	USPAT	2002/11/20 17:54
-	884	707/5.ccls.	USPAT	2002/11/20 17:55
-	55	(user near (defined or proposed) near index)	USPAT	2002/11/20 18:23
-	4	((user near (defined or proposed) near index)) and 707/5.ccls.	USPAT	2002/11/20 17:56
-	5	("5544355" "5598559" "5644763" "5806057" "5822749").PN.	USPAT	2002/11/20 18:21
-	5	707/5.ccls. and ((user or administrator or dba) near (defined or proposed or creat\$3 or mak\$3 or generat\$3 or identif\$4) near index))	USPAT	2002/11/20 18:25
-	99	((user or administrator or dba) near (defined or proposed or creat\$3 or mak\$3 or generat\$3 or identif\$4) near index)	USPAT	2002/11/20 18:32
-	9	((index or database or (data adj base)) near (tuning or tuner or optimization or optimiz\$3)) and ((user or administrator or dba) near (defined or proposed or creat\$3 or mak\$3 or generat\$3 or identif\$4) near index))	USPAT	2002/11/20 18:32
-	117432	(memory or storage) with (constraint or requirements or limit\$3 or defined)	USPAT	2002/11/21 08:48
-	13014	(707/\$).ccls.	USPAT	2002/11/21 08:48
-	8134	(identif\$4 or creat\$3 or establish\$3 or mak\$3 or buil\$4 or setting or set\$1) near index	USPAT	2002/11/21 08:49
-	3937	((memory or storage) with (constraint or requirements or limit\$3 or defined)) and ((707/\$).ccls.)	USPAT	2002/11/21 08:49
-	501	((memory or storage) with (constraint or requirements or limit\$3 or defined)) and ((707/\$).ccls.) and ((identif\$4 or creat\$3 or establish\$3 or mak\$3 or buil\$4 or setting or set\$1) near index)	USPAT	2002/11/21 08:49
-	33202	(user or administrator) near (set\$1 or setting or defined or defin\$3 or establish\$3 or limit\$3)	USPAT	2002/11/21 11:10
-	546	(index or database or (data adj base)) near (tuner or tuning or optimiz\$3 or optimization)	USPAT	2002/11/21 08:52

-	158	((memory or storage) with (constraint or requirements or limit\$3 or defined)) and ((707/\$).ccls.) and ((identif\$4 or creat\$3 or establish\$3 or mak\$3 or buil\$4 or setting or set\$1) near index)) and ((user or administrator) near (set\$1 or setting or defined or defin\$3 or establish\$3 or limit\$3))	USPAT	2002/11/21 08:52
-	11	((index or database or (data adj base)) near (tuner or tuning or optimiz\$3 or optimization)) and (((memory or storage) with (constraint or requirements or limit\$3 or defined)) and ((707/\$).ccls.) and ((identif\$4 or creat\$3 or establish\$3 or mak\$3 or buil\$4 or setting or set\$1) near index)) and ((user or administrator) near (set\$1 or setting or defined or defin\$3 or establish\$3 or limit\$3)))	USPAT	2002/11/21 10:33
-	322	memory with (index near (select\$3 or optimiz\$3 or optimization or remov\$3 or choos\$3 or chose\$1 or creat\$3 or build\$3 or mak\$3 or tun\$3))	USPAT	2002/11/21 10:39
-	76	((707/\$).ccls.) and (memory with (index near (select\$3 or optimiz\$3 or optimization or remov\$3 or choos\$3 or chose\$1 or creat\$3 or build\$3 or mak\$3 or tun\$3)))	USPAT	2002/11/21 10:37
-	485	(storage or memory) with (index near (select\$3 or optimiz\$3 or optimization or remov\$3 or choos\$3 or chose\$1 or creat\$3 or build\$3 or mak\$3 or tun\$3))	USPAT	2002/11/21 10:40
-	135	((707/\$).ccls.) and ((storage or memory) with (index near (select\$3 or optimiz\$3 or optimization or remov\$3 or choos\$3 or chose\$1 or creat\$3 or build\$3 or mak\$3 or tun\$3)))	USPAT	2002/11/21 10:41
-	48737	(user or administrator) with (constraints or rules or guides or restrictions or limit\$3)	USPAT	2002/11/21 11:25
-	3712	((707/\$).ccls.) and ((user or administrator) with (constraints or rules or guides or restrictions or limit\$3))	USPAT	2002/11/21 11:10
-	84	((user or administrator) near (set\$1 or setting or defined or defin\$3 or establish\$3 or limit\$3)) and ((index or database or (data adj base)) near (tuner or tuning or optimiz\$3 or optimization)) and ((707/\$).ccls.)	USPAT	2002/11/21 11:11
-	360	(user or administrator) with (constraints or rules or guides or restrictions or limit\$3) with (index)	USPAT	2002/11/21 11:26
-	104	((707/\$).ccls.) and ((user or administrator) with (constraints or rules or guides or restrictions or limit\$3) with (index))	USPAT	2002/11/21 11:26
-	1284	(limit\$3 or remov\$3 or eliminat\$3 or delet\$3) near index	USPAT	2002/11/21 11:27
-	13	((707/\$).ccls.) and ((user or administrator) with (constraints or rules or guides or restrictions or limit\$3) with (index)) and ((limit\$3 or remov\$3 or eliminat\$3 or delet\$3) near index)	USPAT	2002/11/21 11:27
-	173	(small near table) and constraint	USPAT	2002/11/21 11:58
-	33	((707/\$).ccls.) and ((small near table) and constraint)	USPAT	2002/11/21 12:42
-	11	((707/\$).ccls.) and ((small near table) and constraint)) and ((identif\$4 or creat\$3 or establish\$3 or mak\$3 or buil\$4 or setting or set\$1) near index)	USPAT	2002/11/21 12:51

-	1299	((707/\$).ccls.) and ((identif\$4 or creat\$3 or establish\$3 or mak\$3 or buil\$4 or setting or set\$1) near index)	USPAT	2002/11/21 12:52
-	86932	(table or database or (data adj base)) with (size or small or low or insignificant)	USPAT	2002/11/21 12:54
-	538	((707/\$).ccls.) and ((identif\$4 or creat\$3 or establish\$3 or mak\$3 or buil\$4 or setting or set\$1) near index)) and ((table or database or (data adj base)) with (size or small or low or insignificant))	USPAT	2002/11/21 12:54
-	17	(US-6021405-\$ or US-5819255-\$ or US-6356889-\$ or US-6266658-\$ or US-6356891-\$ or US-6182079-\$ or US-6240407-\$ or US-5926813-\$ or US-5913207-\$ or US-5913206-\$ or US-5710915-\$ or US-6338055-\$ or US-6223171-\$ or US-5924088-\$ or US-5860136-\$ or US-6105019-\$ or US-6363371-\$).did.	USPAT	2002/11/21 17:31
-	4332	(small or size) near (table or database or (data adj base))	USPAT	2002/11/21 17:32
-	9	((US-6021405-\$ or US-5819255-\$ or US-6356889-\$ or US-6266658-\$ or US-6356891-\$ or US-6182079-\$ or US-6240407-\$ or US-5926813-\$ or US-5913207-\$ or US-5913206-\$ or US-5710915-\$ or US-6338055-\$ or US-6223171-\$ or US-5924088-\$ or US-5860136-\$ or US-6105019-\$ or US-6363371-\$).did.) and ((small or size) near (table or database or (data adj base)))	USPAT	2002/11/21 17:44
-	4	(integrity near constraint) and ((US-6021405-\$ or US-5819255-\$ or US-6356889-\$ or US-6266658-\$ or US-6356891-\$ or US-6182079-\$ or US-6240407-\$ or US-5926813-\$ or US-5913207-\$ or US-5913206-\$ or US-5710915-\$ or US-6338055-\$ or US-6223171-\$ or US-5924088-\$ or US-5860136-\$ or US-6105019-\$ or US-6363371-\$).did.)	USPAT	2002/11/22 08:45



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21 XAL: an algebra for XML query optimization

100%



Flavius Frasinicar , Geert-Jan Houben , Cristian Pau

Australian Computer Science Communications , Proceedings of the thirteenth Australasian conference on Database technologies - Volume 5 January 2002
Volume 24 Issue 2

This paper proposes XAL, an XML ALgebra. Its novelty is based on the simplicity of its data model and its well-defined logical operators, which makes it suitable for *composability*, *optimizability*, and *semantics definition* of a query language for XML data. At the heart of the algebra resides the notion of *collection*, a concept similar to the mathematician's monad or functional programmer's comprehension. The operators are classified in three clusters: *extraction* operat ...

22 Logic programmable natural language processor of a knowledge-base management system

100%



M. Matsuo , K. Arima , F. Freiheit , K. Hubbard

Proceedings of the first international conference on Industrial and engineering applications of artificial intelligence and expert systems - Volume 2 June 1988

23 A framework for choosing a database query language

100%



Matthias Jarke , Yannis Vassiliou

ACM Computing Surveys (CSUR) September 1985
Volume 17 Issue 3

This paper presents a systematic approach to matching categories of query language interfaces with the requirements of certain user types. The method is based on a trend model of query language development on the dimensions of